

Figure 1. Fluorescent images of representative localizations: Nuclear (H28); mitochondria (A12); nucleolar (I19); reticular (J37); cytosolic (I37); vesicular (H36); granular (B41); multi-labeled: nucleolar (I19, red), granular (G34, blue), mitochondrial (B24, green).

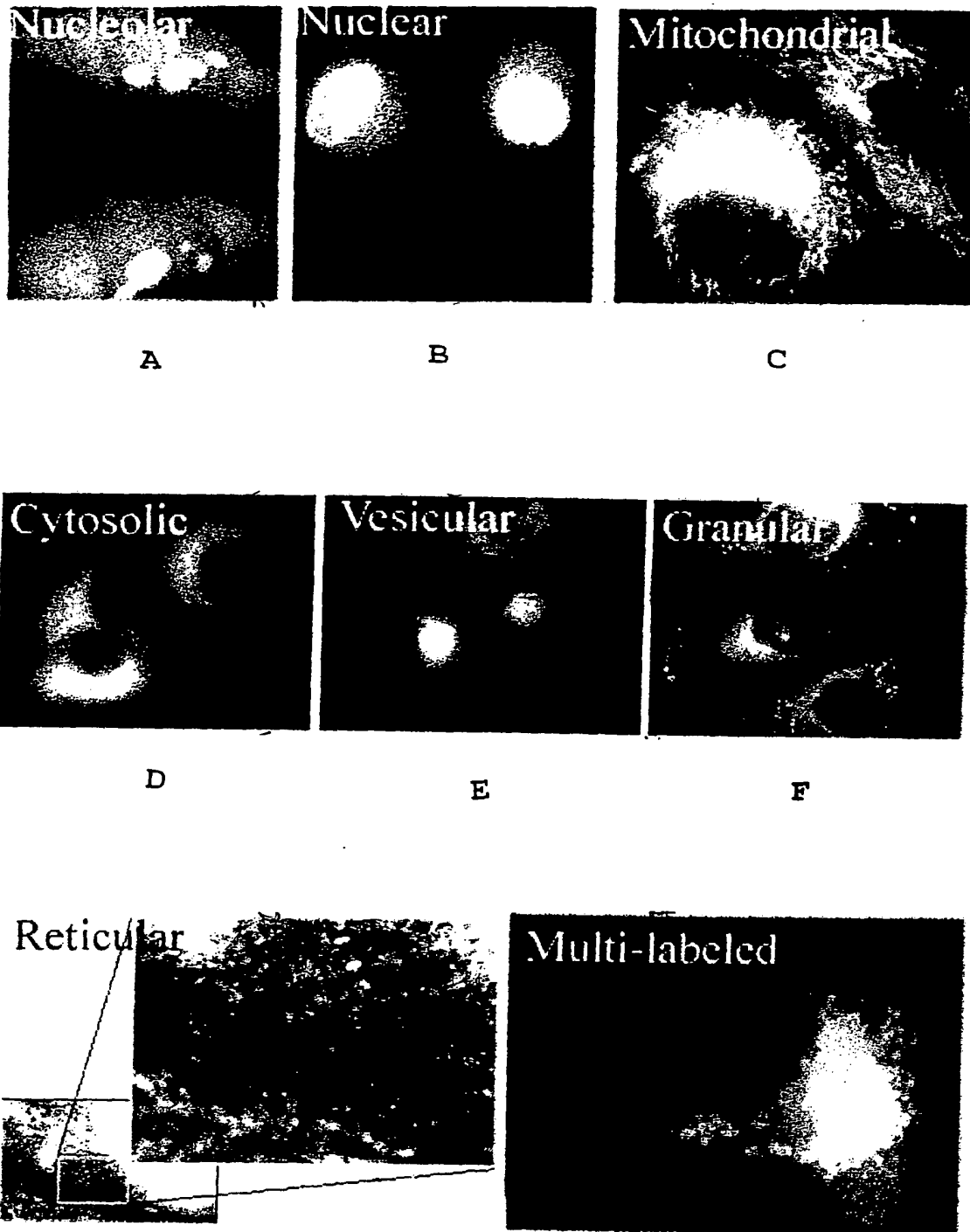


FIGURE 1

Fig.2 Eight selected compounds and related derivatives

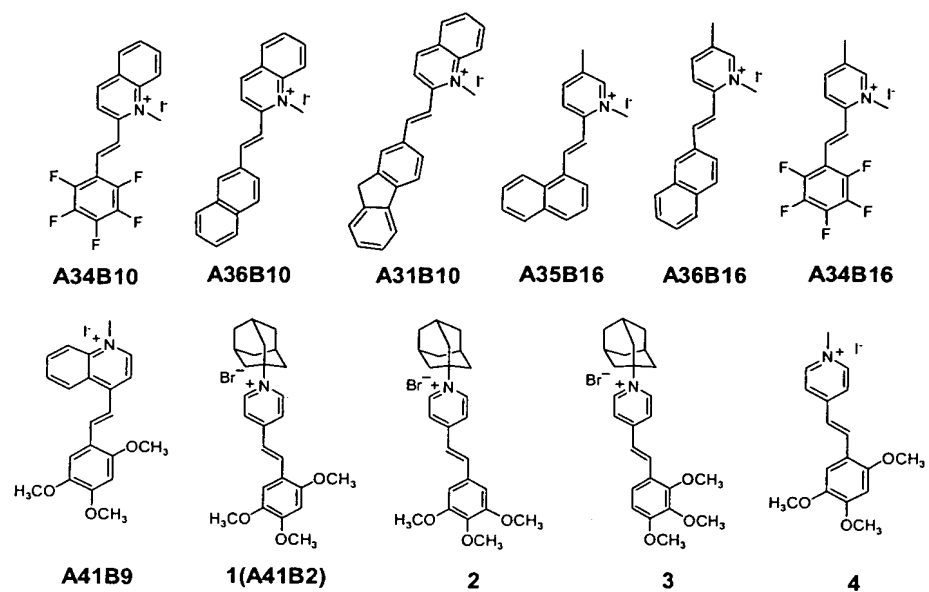
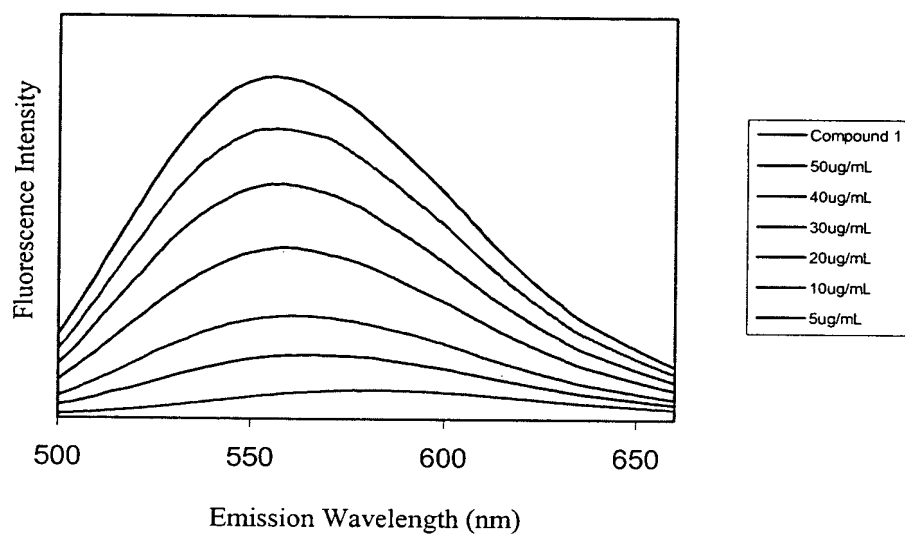


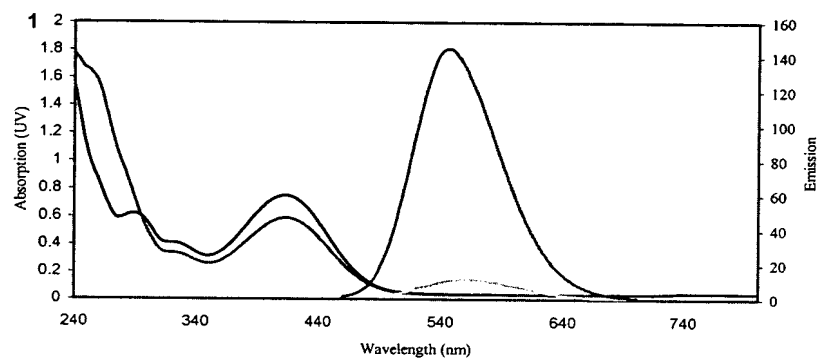
FIGURE 2

**Fig. 3.** Fluorometric titration of compound 1 with dsDNA in a buffer solution ( $\lambda_{\text{ex}} = 394 \text{ nm}$ , compound 1 =  $5 \mu\text{M}$ )

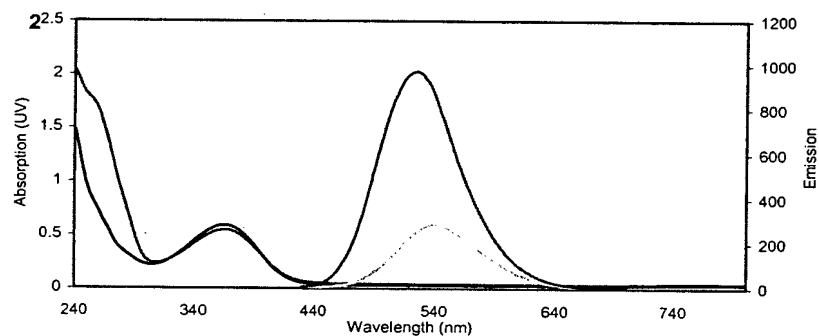


**FIGURE 3**

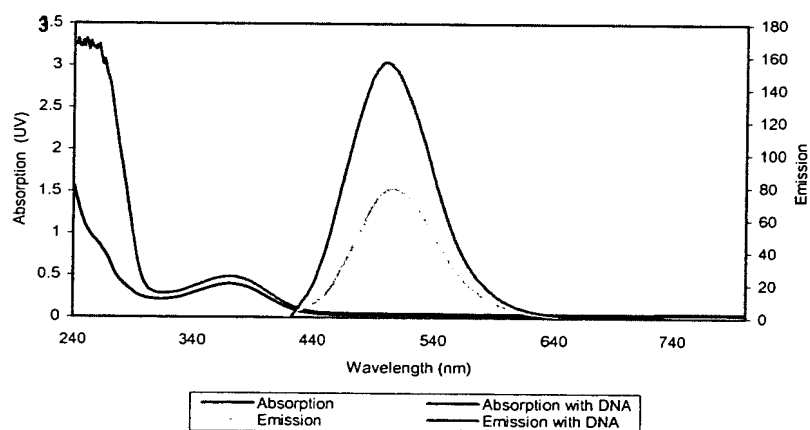
**Fig. 4** Absorption and Fluorescence spectrum of compound **1**, **2**, **3** Dye **1**, **2**, **3** (50  $\mu\text{M}$ ), dsDNA (50  $\mu\text{g/mL}$ )



**A**



**B**



**C**

**FIGURE 4**

Fig. 5 Nuclear staining of compound 1, 2, and 3 (500  $\mu$ M)

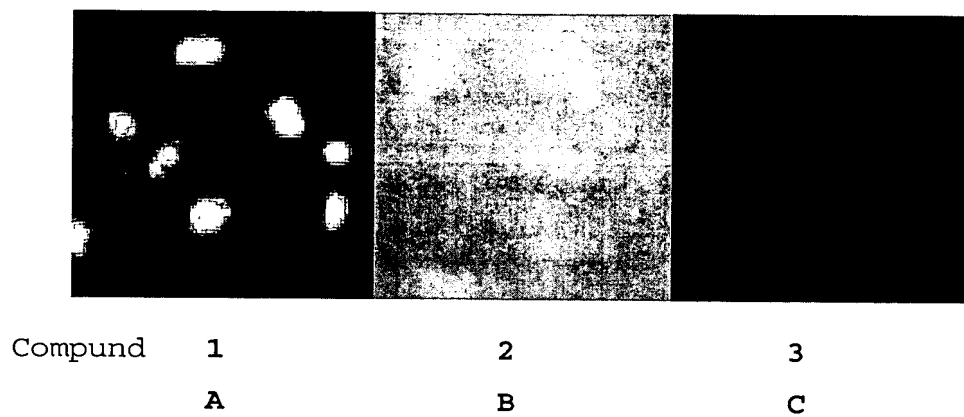


FIGURE 5